



THE MOST RELIABLE WELDING®

HOFFMAN ARC CO., LTD

QUALITY CERTIFICATE OF WELDING CONSUMABLE

Type Nickel 99	Norm N/A A.W.S. / A.S.M.E.	Brand Name ALPHEN	Part # 6009902	Diameter 1/8" (3.2mm)	Lot No. 18-1218	Manufactured Date Shown on Package	Date of Issue 2019 / 03 / 15
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Mechanical Properties of Deposited Metal				Chemical Composition of Deposited Metal (%)				
Item	Requirement	Actual Result	Element	Requirement	Actual Result	Element	Requirement	Actual Result
Yield Strength Rel(MPa)	N/A	N/A	C	N/A	0.910	Mo	N/A	0.000
Tensile Strength Rm(MPa)	N/A	N/A	Si	N/A	1.060	Zn	N/A	0.000
Elongation A5 (%)	N/A	N/A	Mn	N/A	0.180	Cu	N/A	0.000
Sharp V noch	Impact Temp (°C)	N/A	S	N/A	0.030	Fe	N/A	5.020
	Av. Absorbed Energy (J)	N/A	P	N/A	0.000	Ti	--	--
X-Ray	--	--	Cr	N/A	0.00	--	--	--
Hydrogen Content (ml/130g)	--	--	Ni	N/A	93.270	--	--	--
Hardness	62HRc							

10050 NW 116TH Way, Suite 15.
Medley, Florida 33178.
Telf: 305-4205099

This is to certify that the welding consumable conform with the standard

Signature

APPROVED
BY LIAO
YUGANG

Inspection seal

